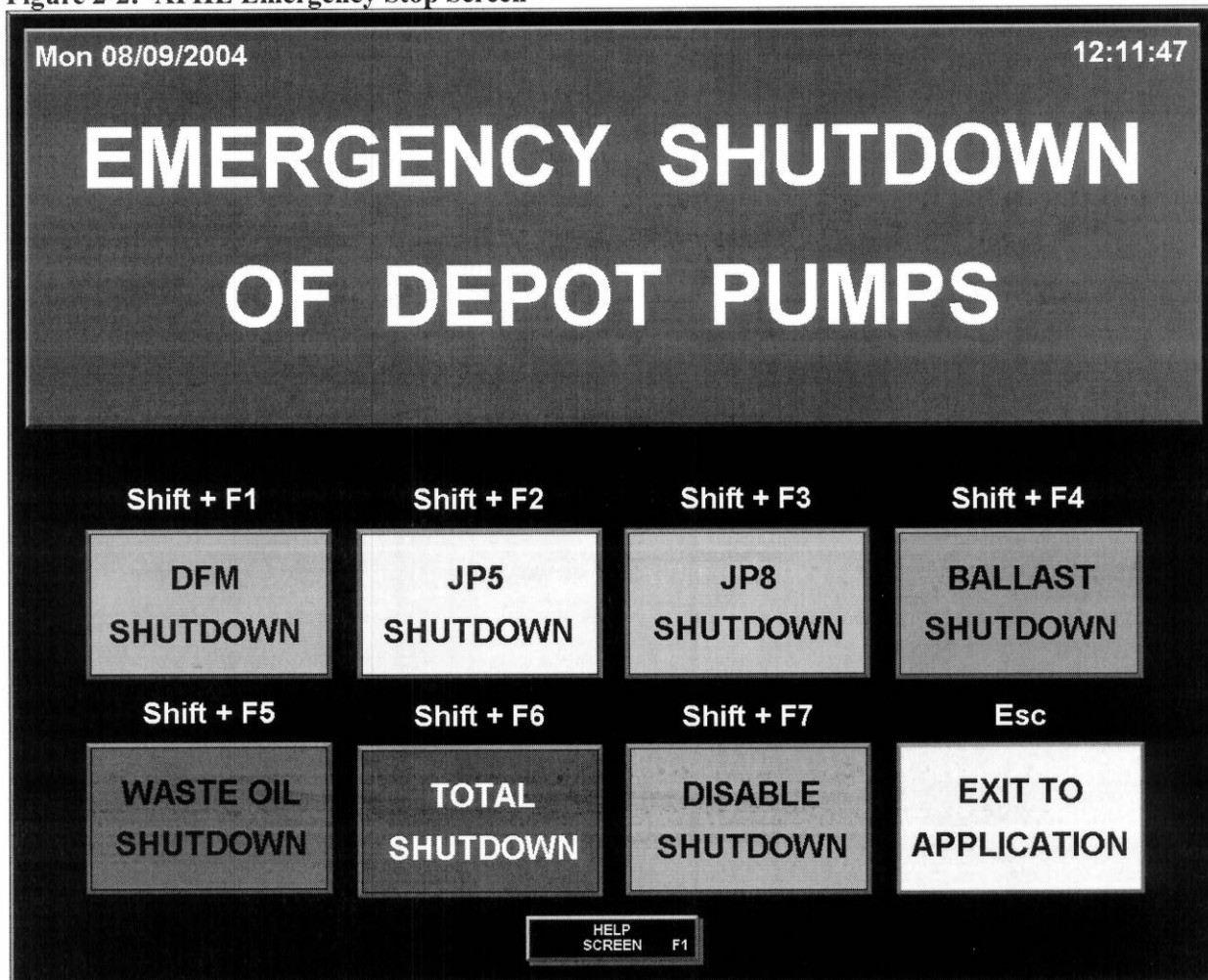


Figure 2-2: AFHE Emergency Stop Screen



An Automatic Tank Gauge (ATG) system known as Mass Tank Gauge (MTG) has been installed on all Red Hill fuel tanks and an Electronic Telemetered Gauging Instrument (ETGI) has been installed on Upper tank Farm Tanks. Both systems activate high level alarms if a tank overflow is imminent. If a high-high level alarm is activated, all the tank skin valves have been automated to close. The Fuel Department monitors operations and the tank levels via AFHE computers in the Control Room at building 1757 (backup located at the UGPH control station), Fuel Department Operations Supervisor's office and the Truck Loading Rack Office. An audible alarm is located outside at the Fuel Department office building 1757 and Adit 1. All main transfer cargo pumps have been fitted with controls to sense and shut down pumps when high discharge pressures occur.

In addition, the Control Room Operator at 1757 and UGPH have the ability to monitor operational areas through CCTV monitors.